Trib	Dist Site	Qcalc	Site ID	Cl	SO4	рН	Ald
0	OUpstream from injection	64.30-F	⁼U	0.42	128.62	6.40	
0	300ELK1 site. First synoptic site	64.330	0-UFA	4.34	129.94	6.43	0.015
1	390 STP drain	1.439	0-UFA	7.73	159.06	5.58	0.286
0	420 Blw STP	65.742	0-UFA	4.29	130.54	6.75	0.022
1	460 Animas River ab Mineral Creek	82.946	0-UFA	0.49	158.22	6.90	0.036
0	512B verticle at EDI. Mixing zone with Animas.	517	2B-UFA			6.94	0.065
0	512E verticle at EDI	517	2E-UFA			6.89	0.036
0	512D verticle at EDI	517	2D-UFA			6.96	0.037
0	512 A verticle at EDI	517	2A-UFA			7.06	0.045
0	512C verticle at EDI	517	2C-UFA			6.85	0.054
0	807 Dowstream from braids	148.680	7-UFA	3.59	147.88	6.61	0.094
0	992 Upstream from more braids	148.699	2-UFA	3.59	147.24	6.82	0.029
0	1262 Downstream from next braids	148.612	62-UFA	2.17	147.94	6.75	0.037
0	1792 ELK2 site. A72 gage.	164.4179	92-UFA	1.98	149.16	7.07	0.027
0	2032 Downstream from RR bridge	168.220	32-UFA	1.94	152.96	6.69	0.008
0	2272 Ab Deadwood Gulch	168.222	72-UFA	1.94	152.11	6.91	0.012
1	2297 Deadwood Gulch.	0.222	97-UFA	0.21	34.45	7.58	0.027
0	2542 Below Deadwood Gulch	168.425	42-UFA	1.98	152.87	7.07	0.038
0	2982 ELK3 site. Above Kendall Gulch	176.329	82B-UF <i>A</i>	1.9	146.77	7.00	0.042
0	2982 ELK3 site. Above Kendall Gulch	176.329	82A-UFA	1.9	146.77	7.22	0.036
1	3053 Kendall Gulch.	0.730	53-UFA	0.15	11.61	7.82	0.031
0	3342Below Kendall Gulch	177.033	42-UFA	2.05	149.31	7.03	0.031
0	3733 Above Deer Park Creek. Hydrosphere site	177.037	33-UFA	2.19	145.39	7.07	0.044
1	3763 Deer Park Creek.	1.137	63-UFA	0.17	11.31	7.74	0.003
0	4003 Below Deer Park Creek. Hydrosphere site	178.140	03-UFA	3.1	144.55	6.99	0.045
0	4353No visible inflows upstream from here.	43	53-UFA			6.99	0.022
0	4773 Blw seeps at the bases of small gulches.	179.047	73-UFA	1.93	145.23	6.91	0.042
0	5073 Above Sultan Creek.	179.850	73-UFA	1.97	145.63	200	0.032
1	5123 Sultan Creek	5.451	23-UFA	0.32	14.73	7.84	< 0.001
0	5493 Below Sultan Creek	185.254	93-UFA	1.85	141.84	7.17	0.139
1	5723 Small flow under RR bridge	0.657	23-UFA	0.15	4.36	7.08	0.021
0	5908 Below small inflow	185.859	08-UFA	1.89	141.86	6.86	0.040
0	6268 Channel is less spread out here	186.462	68-UFA	1.84	142.76	7.23	0.052
1	6538 Through pipe under RRtwo pipes.	2.465	38-UFA	0.29	13.19	8.01	0.020
0	6788 Below inflow from pipes	188.867	88-UFA	1.82	141.44	7.38	0.039
0	7208 Above Whitehead Gulch	189.072	08-UFA	1.83	141.26	7.41	0.048
1	7496 Whitehead Gulch	1.374	96-UFA	0.14	12.31	7.91	0.019
0	7786 Below Whitehead Gulch	190.377	86-UFA	1.81	140.41	6.34	0.048
0	8086 Above rapid at large rock in stream.	190.580	86-UFA	1.87	142.58	7.24	0.045
0	8466 Above Molas Creek	193.584	66-UFA	1.81	140.5	7.19	0.046
1	8486 Molas Creek.	0.684	86-UFA	0.21	5.72	8.05	0.019
0	8651 bridge.	194.186	51-UFA	1.85	140.13	7.31	0.049

0	10171	Above Elk Park Creek. Split for Hydrosphere	204.010171-UFA	1.77	136.71 7.19	0.037
1	10231	Elk Park Creek. Split for Hydrosphere	19.810231-UFA	0.19	11.07 7.40	0.013
0	10621	Below Elk Park Creek. Split for Hydrosphere.	223.810621-UFA	1.63	125.31 7.18	0.039

Alc	Asd	Asc	Bd	Вс	Cad	Cdd	Cdc	Cr	Cud	Cuc	Fed	Fec	Kd
1.817	0.004	< 0.001	0.002	< ∩ ∩∩1	483	0.001	< 0.001	< O OO1	0.003	0.026	0.722	1.883	0.4
25	< 0.001	< 0.001	30	< 0.001				0.002		36300000000000000000000000000000000000	0.001	0.006	1.0
1.791		0.003			1	aasaaaaaa		< 0.001	1	0.025	0.460	2.087	0.4
0.988	0.004		arromorotusstuoriksistioo	\$3,\$2,111.15\$32.111.15\$			KONSTRUKTING OPERATED SÅ	< 0.001			0.045	0.995	0.8
1.040	0.009	< 0.001	0.004	< 0.001	57.4	< 0.001	0.001	< 0.001	0.015	< 0.001	0.059	1.263	0.6
1.181	< 0.001	0.006	0.005	< 0.001	54.2	0.002	< 0.001	< 0.001	0.011	0.008	0.131	1.487	1.0
1.271	0.004	0.009	0.003	< 0.001	52.0	0.002	< 0.001	0.001	0.005	0.013	0.248	1.379	0.7
1.173	< 0.001	0.010	0.004	0.001	57.5	0.002	< 0.001	< 0.001	0.004	0.012	0.189	1.211	0.5
1.066	< 0.001	0.006	0.004	< 0.001	55.4	0.001	< 0.001	< 0.001	0.004	0.010	0.039	1.348	0.8
1.279	0.009	0.003	0.005	< 0.001	56.3	< 0.001	< 0.001	< 0.001	0.006	0.015	0.118	1.465	1.1
1.208	0.007	0.005	0.005	< 0.001	56.7	0.001	0.001	< 0.001	0.002	0.014	0.082	1.521	0.7
1.394	< 0.001	0.011	0.005	< 0.001	57.2	0.001	< 0.001	< 0.001	0.014	0.004	0.078	1.730	0.8
29	0.008	< 0.001	INGSTRUGGRAGAGARALLISISIS	< 0.001	56.6			< 0.001		0.010	0.145	1.424	0.7
1.383	< 0.001	< 0.001	< 0.001	0.001		98000888000008888880		< 0.001		0.015	0.008	1.543	0.4
SECONOMIC CONTRACTOR	0.003	< 0.001	88		1			< 0.001	1	0.017	0.177	1.478	0.8
< 0.001	< 0.001	< 0.001	0.008	< 0.001	24.6	< 0.001	< 0.001	< 0.001	0.009	< 0.001	0.005	0.008	0.5
1.417	< 0.001	0.003	0.004	< 0.001	55.6			< 0.001		0.012	0.164	1.320	1.0
1.310	< 0.001	0.011	0.002				< 0.001	< 0.001	0.004	0.014	0.044	1.370	0.6
SISSESSESSESSESSES	0.008	< 0.001	200	< 0.001	1	\$440056±865F0505900		< 0.001		0.013	0.055	1.378	0.5
< 0.001		0.005	vannosumenmell					< 0.001			0.005	0.002	0.3
-	< 0.001		< 0.001			1					0.029	1.307	0.5
2251241241311111111111111111111111111111	< 0.001	XXX	< 0.001			325274074YHD305050000		< 0.001	9	0.016	0.005	1.457	0.8
< 0.001		######################################	< 0.001		1						0.007	0.009	0.3
	0.006	< 0.001	- Table 1			SARAGE STREET, SARAGE		< 0.001			0.017	1.833	0.6
1.380	0.006	< 0.001	600 800		1		(81111111111111111111111111111111111111	< 0.001		0.014	0.013	1.658	0.7
8	< 0.001	< 0.001	999				REFERENCES ENTERED FOR THE STATE OF THE STAT	< 0.001		0.016	0.016	1.570	0.9
86	< 0.001	0.016	100	SALKS AND		1		< 0.001		0.015	0.006	1.581	0.7
St.	0.005					,	,,			< 0.001		0.001	0.7
100	< 0.001	-00000000000000000000000000000000000000	0.002	0.002		1	0.001		0.007	SANGERS ENGINEERING SANGER	0.020	1.433	0.8
8	0.009		< 0.001	0.003		1				< 0.001		0.042	0.7
3	< 0.001		300	0.001		1	< 0.001	GOTTROUGHSTERNSTERN		0.013		1.461	0.8
	< 0.001	0.007						201220	5	0.015		1.421	0.9
9	< 0.001	0.019						DESCRIPTION OF THE PROPERTY OF		< 0.001		0.068	1.0
8	< 0.001	< 0.001	-				SVEETS EXSTREES ENGINEERS			0.014	EASESTERES ESTERNISCO	1.397	
BROKEN BROKEST STREET	< 0.001	0.012		0.002				200		0.010	()	1.390	0.8
< 0.001	THE REPORT OF THE PARTY OF THE	< 0.001			20.6				8	< 0.001			0.6
8	< 0.001	0.011	835	< 0.001		1		< 0.001		88	2015/2016/2016/2016/2016/2016/2016/2016/2016	1.397	0.8
*	< 0.001	0.011	60			1				0.013	32.00	1.310	0.8
suscession did	< 0.001	0.001	VIIISHAHROORKOVKEENES ⁰⁰²			3			à	0.007	583392239783745937	1.355	0.9
< 0.001	Z. (2000-000-000-000-000-000-000-000-000-00	randi baranatan erkerakan barana	27*****			3				< 0.001		0.014	
1.079	0.003	< 0.001	0.001	0.002	54.4	0.003	< 0.001	< 0.001	0.003	0.014	< 0.001	1.289	0.8

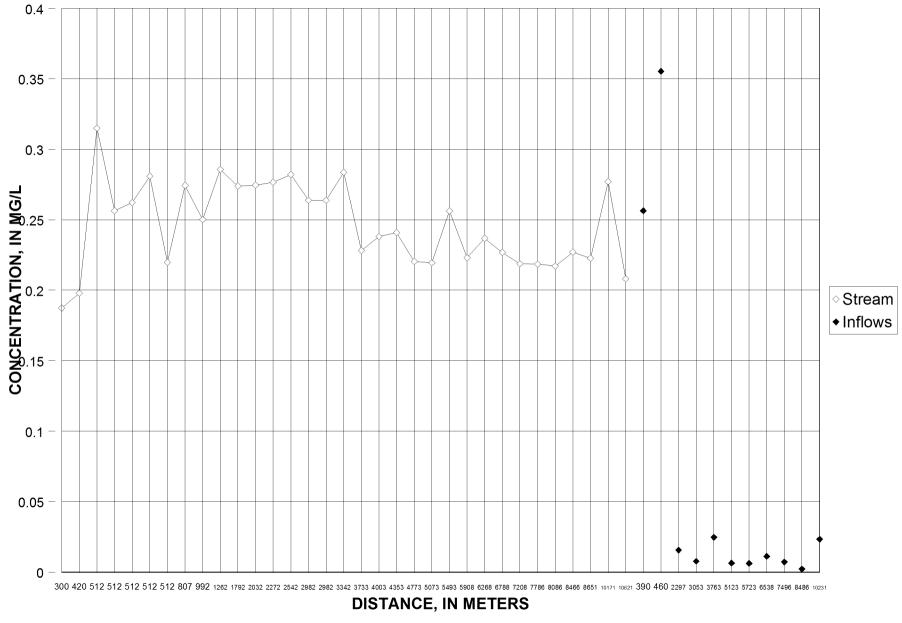
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Mgd	Mnd	Mnc	Nad	Nid	Pb	Pbd	Sid	Sic	Srd	Src	Znd	Znc
4.02	0.270	0.002	5.0	0.002	< 0.001	< 0.001	5.07	0.532	0.421	0.002	0.187	0.030
4.73	0.100	0.004	3.3	8		< 0.001				0.024		0.003
3.95	0.259	0.014	4.9	88		< 0.001				0.018	0.198	0.024
3.51	0.966	0.057	2.3	0.002	< 0.001	0.002	4.87	0.522	0.643	0.040	0.355	0.060
3.61	0.723	0.021	3.2	0.005	0.005	0.008	4.86	0.410	0.567	0.013	0.315	0.012
3.79	0.553	0.017	3.8	0.001	0.040	0.001	4.99	0.468	0.515	0.014	0.256	0.032
3.51	0.563	0.042	3.4	0.001	0.025	0.007	4.69	0.653	0.492	0.039	0.262	0.033
3.54	0.756	0.044	2.8	< 0.001	< 0.001	< 0.001	4.86	0.526	0.570	0.036	0.281	0.066
3.61	0.656	0.036	3.3	0.005	< 0.001	< 0.001	4.89	0.495	0.541	0.029	0.220	0.095
3.95	0.684	0.038	3.4	0.003	< 0.001	0.004	4.95	0.663	0.542	0.025	0.274	0.039
4.18	0.677	0.038	3.4	0.003	0.005	< 0.001	5.04	0.653	0.549	0.021	0.250	0.057
3.79	0.650	0.004	3.5	0.004	0.021	< 0.001	5.15	0.343	0.560	< 0.001	0.286	0.022
3.73	0.633	0.031	3.4	0.003	ครองเลยายครองเลยเลยเลย	< 0.001			19	**************************************		0.048
3.76	0.666	0.002	3.2			< 0.001			12	< 0.001	0.275	0.035
3.70	0.655	0.018	3.3	0020023220000000330000 ⁰⁴¹		< 0.001				0.014	Str.	0.039
1.91	0.001	0.001	32		CONTRACTOR DESCRIPTION OF THE PERSONS ASSESSED.	0.010					***	< 0.001
3.67	0.649	0.027	83			< 0.001				0.025		0.029
3.72	0.660	0.014	88			< 0.001				0.008		0.039
3.75	0.662	0.022	3.3		· · · · · · · · · · · · · · · · · · ·	< 0.001			10	\$10000000000000000000000000000000000000	0.264	0.054
500	< 0.001	0.001	1.3	MINESIAN DE RECEIO	(0.0004328111A55154A411)	< 0.001			93	9		0.001
	0.652	0.021	920			< 0.001					0.284	0.015
3.82	0.668	0.032	3.3		******************	< 0.001					0.228	0.081
2.54	0.001	0.001	1.3	0.001	0.008							< 0.001
3.98	0.612	0.058	900	< 0.001	0.010			0.897		0.042		0.069
3.75	0.616	0.017	3.4	0.003	0.007	REFERENCE CONTROL OF THE PERSON NAMED IN		0.586		0.008		0.062
3.58	0.590	0.041	3.2	0.003	8	< 0.001				0.036		0.081
3.57	0.588	0.028	3.3	0.002		0.012				0.024	36	0.077
	< 0.001 ·			< 0.001	0.005			0.039				< 0.001
									- 10	TACON SOCIAL STATE OF THE	80	0.037
1.32	0.001			58	DESCRIPTION OF THE PROPERTY OF THE PARTY OF				10	***************************************	**	~~~~~
	0.594		38	OSOCOUSTASSESSESSOES	XX43							
3.77	AND REPORT OF THE PROPERTY OF THE PARTY OF T		999	200000000000000000000000000000000000000		0.002			63	TOTAL DESIGNATION OF THE PROPERTY.	ta	CONTROL OF THE PARTY OF THE PAR
700	< 0.001			50	SWEETER CONTRACTOR OF THE SWEETER OF THE SWEETER CONTRACTOR OF THE SWE				80			
			300	emsawaaaaaaaaaaaa		0.015						
89	0.611	0.027			23						10	250255000250500005500
1919	< 0.001			100	DESCRIPTION OF THE PROPERTY.	0.034			0.222		19	< 0.001
	0.603		380	WHEELSTERNESS RESISTERN								
			991			0.018					0.217	
319	182218FFRREUUSA105FF		199	STATES OF THE ST	STRUKSKERS SPRESSE	0.023					80	WARREST STATE OF THE STATE OF T
100	< 0.001		969									
3.71	0.582	0.028	3.3	< 0.001	< U.001	0.012	4.75	0.616	0.521	0.019	0.223	0.094

3.61 0.564 0.041 3.0 < 0.001 < 0.001 0.004 4.64 0.722 0.506 0.037 0.277 0.047 1.47 0.002 0.004 0.6 0.003 0.008 0.026 1.54 0.002 0.031 0.003 0.023 < 0.001 3.33 0.490 0.031 2.9 < 0.001 0.018 0.016 4.33 0.514 0.440 0.029 0.208 0.075



Trib Comment	Dist Stream	Inflows	Znd	рН	Ald	Alc	Asd
0ELK1 site. First synoptic site	3000.187		0.187	6.40	0.015	1.817	0.004
0Blw STP	4200.198		0.198	5.58	0.022	1.791	0.008
0B verticle at EDI. Mixing zone with Animas.	5120.315		0.315	6.90	0.065	1.040	0.009
0E verticle at EDI	5120.256		0.256	6.94	0.036	1.181	0.001
0D verticle at EDI	5120.262		0.262	6.89	0.037	1.271	0.004
0A verticle at EDI	5120.281		0.281	6.96	0.045	1.173	0.001
0C verticle at EDI	5120.220		0.220	7.06	0.054	1.066	0.001
0 Dowstream from braids	8070.274		0.274	6.85	0.094	1.279	0.009
0Upstream from more braids	9920.250		0.250	6.61	0.029	1.208	0.007
0 Downstream from next braids	12620.286		0.286	6.82	0.037	1.394	0.001
0ELK2 site. A72 gage.	17920.274		0.274	6.75	0.027	1.301	0.008
0 Downstream from RR bridge	20320.275		0.275		0.008	1.383	0.001
0Ab Deadwood Gulch	22720.277		0.277	7.07	0.012	1.444	0.003
0 Below Deadwood Gulch	25420.282		0.282	7.58	0.038	1.417	0.001
0ELK3 site. Above Kendall Gulch	29820.264		0.264	7.07	0.042	1.310	0.001
0ELK3 site. Above Kendall Gulch	29820.264		0.264	7.00	0.036	1.331	0.008
0Below Kendall Gulch	33420.284		0.284	7.82	0.031	1.229	0.001
0 Above Deer Park Creek. Hydrosphere site	37330.228		0.228	7.03	0.044	1.286	0.001
0 Below Deer Park Creek. Hydrosphere site	40030.238		0.238	7.74	0.045	1.386	0.006
0 No visible inflows upstream from here.	43530.241		0.241	6.99	0.022	1.380	0.006
0Blw seeps at the bases of small gulches.	47730.220		0.220	6.99	0.042	1.331	0.001
0 Above Sultan Creek.	50730.219		0.219	6.91	0.032	1.350	0.001
0 Below Sultan Creek	54930.256		0.256	7.84	0.139	1.120	0.001
0 Below small inflow	59080.223		0.223	7.08	0.040	1.225	0.001
0Channel is less spread out here	62680.237		0.237	6.86	0.052	1.190	0.001
0 Below inflow from pipes	67880.227		0.227	8.01	0.039	1.182	0.001
0 Above Whitehead Gulch	72080.219		0.219	7.38	0.048	1.174	0.001
0Below Whitehead Gulch	77860.218		0.218	7.91	0.048	1.154	0.001
OAbove rapid at large rock in stream.	80860.217		0.217	7.24	0.045	1.111	0.001
0 Above Molas Creek	84660.227		0.227	7.19	0.046	1.130	0.001
ELK4 site. Below Molas Creek at hiking						-	
0 bridge.	86510.223		0.223			1.079	0.003
OAbove Elk Park Creek. Split for Hydrosphere	101710.277				0.037	535	0.001
0 Below Elk Park Creek. Split for Hydrosphere.	106210.208		0.208	7.18	0.039	0.950	0.001
1 STP drain	390	0.256			0.286	Year	0.001
1 Animas River ab Mineral Creek	460		0.355	6.75	0.036	0.988	0.004
1 Deadwood Gulch.	2297	0.016	0.016	6.91	0.027	0.001	0.001
1 Kendall Gulch.	3053	0.008	800.0	7.22	0.031	0.001	0.001
1 Deer Park Creek.	3763	0.025	0.025	7.07	0.003	0.001	0.001
1 Sultan Creek	5123	0.006	0.006	7.08	0.001	0.002	0.005
1 Small flow under RR bridge	5723	0.006	0.006	7.17	0.021	0.037	0.009
1 Through pipe under RRtwo pipes.	6538				0.020	INCOME THE RESERVE OF	0.001
1 Whitehead Gulch	7496				0.019	\$35000000000000000000000000000000000000	0.001
1 Molas Creek.	8486				0.019	000000000000000000000000000000000000000	0.001
1 Elk Park Creek. Split for Hydrosphere	10231	0.023	0.023	7.40	0.013	0.080	0.001
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	and and
Injection site	J
Hydrosphere biofilm site	
Braiding starts	-
Railroad gate at 495 miles	
Railroad sign at 494 miles	7
Railroad sign at 493 miles	-

Asc	Bd	Вс	Cad	Cdd	Cdc	Cr	Cud	Cut	Fed	Fec	Kd	Mgd	Mnd	Mnc	Nad
0.001	25778250202	150225250	48.3	0.001	0.001	0.001	0.003	0.026	0.722	1.883	0.4	4.02	0.270	0.002	5.0
0.003	100000000000000000000000000000000000000		47.7		0.002	0.001	0.005	0.025					0.259		4.9
0.001	2230033000	ESSESSES	44	0.001	0.001	0.001	0.015	0.001					0.723		3.2
0.006	0.005 0.0			0.002	0.001	0.001	0.011	0.008					0.553		3.8
0.009			52.0	0.002	0.001	0.001	0.005	0.013					0.563		3.4
0.010	WEIGHTHER	S(E005700H)	57.5	0.002	0.001	0.001	0.004	0.012							2.8
0.006	0.004 0.0			0.001	0.001	0.001	0.004	0.010	0.039						3.3
0.003	0.005 0.0			0.001	0.001	0.001	0.006	0.015							3.4
0.005	V50595444000	CONTRACTOR OF THE PARTY OF THE	56.7	0.001	0.001	0.001	0.002	0.014							3.4
0.011	0.005 0.0	0.0000000000000000000000000000000000000		0.001	0.001	0.001	0.014	0.004							3.5
0.001	007000000pm0000720400000		56.6	0.001	0.001	0.001	0.008	0.010							3.4
0.001	SACTORIZACIO	250 05 05 05 05 05 05 05 05 05 05 05 05 0	57.6	0.002	0.001	0.001	0.002	0.015					0.666		3.2
0.001	50000000	1000000000		0.001	0.001	0.001	0.005	0.017					0.655		3.3
0.003		200	55.6	0.003	0.000	0.001	0.004		0.164						3.2
0.011	3033300		56.3	0.003	0.001	0.001	0.004	0.014					0.660		3.3
0.001	FD000620800FH006FD6046		56.3 54.5	0.002	0.001	0.001	0.005	0.013							3.3
0.001 0.001			56.3	0.003	0.001	0.001	0.016 0.001	0.001	0.029						3.2 3.3
0.001	0.003 0.0	WERESTEIN ST		0.003	0.001	0.001 0.001	0.001	0.018					0.612		3.3
0.001	00000		56.9	international and the contract of the contract	0.001	0.001	0.006	0.013					0.612		3.4
0.001	0.001 0.0	DEPOSITE DESCRIPTION OF THE PERSON NAMED IN COLUMN 1	8	#100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.001	0.001	0.004	0.014					0.590		3.4
0.016	000000000000000000000000000000000000000		53.9	0.001	0.002	0.001	0.004	0.015					0.588		3.3
0.010			54.8	0.003	0.001	0.001	0.007	0.013					0.593		3.3
0.004	0.002 0.0			0.002	0.001	0.001	0.007	0.013					0.594		3.3
0.007			56.5	0.003	0.001	0.001	0.003	0.015							3.4
0.001	0.002 0.0	eponominanes:		0.001	0.002	0.001	0.004	0.014							3.3
0.012	0.002 0.0			0.003	0.001	0.001	0.006	0.010	RESTRUCTION OF THE PROPERTY OF						3.4
0.011	0.001 0.0	###2056EFF		0.002	0.001	0.001	0.003	0.012							3.4
0.011	0.002 0.0			0.002	0.001	0.001	0.004	99	0.001						3.3
0.001	0.003 0.0	RESERVED		0.002	0.001	0.001	0.008	0.007							3.2
0.001	0.001 0.0	002	54.4	0.003	0.001	0.001	0.003	0.014	0.001	1.289	8.0	3.71	0.582	0.028	3.3
0.002	0.002 0.0	000	53.2	0.002	0.001	0.001	0.007	0.008	0.001	1.305	0.6	3.61	0.564	0.041	3.0
0.001	0.001 0.0	001	46.5	0.002	0.001	0.001	0.005	0.009	0.008	1.117	8.0	3.33	0.490	0.031	2.9
0.001	0.011 0.0	001	56.6	0.002	0.001	0.002	0.005	0.001	0.001	0.006	1.0	4.73	0.100	0.004	3.3
0.008	0.001 0.0	001	63.0	0.001	0.001	0.001	0.009	0.002	0.045	0.995	8.0	3.51	0.966	0.057	2.3
0.001	0.008 0.0	001	24.6	0.001	0.001	0.001	0.009	0.001	0.005	0.008	0.5	1.91	0.001	0.001	1.3
0.005	0.003 0.0	001	22.8	0.001	0.001	0.001	0.011	0.001	0.005	0.002	0.3	1.99	0.001	0.001	1.3
0.013	200000000000	NAMES AND ADDRESS OF		0.001	0.001	0.001	0.013	0.001	\$1000 ET \$250 ET \$100			-	0.001	\$15000000000000000000000000000000000000	1.3
	2545000000000000000000		30.7	0.002		0.002	0.004	0.001	****				0.001		1.6
	CONTRACTOR	DND/STORES	8.3	98	0.001	0.001	0.003	0.001					0.001		0.7
	0.006 0.0				0.001	0.002	0.010	0.001		0.068		9	0.001	0.004	1.2
10%	0.001		20.6	0.001	100	0.001	0.004	0.001	0.002			9	0.001		1.5
2.6	BEDSES DEVERSES AND ADDRESS OF THE	1515988030	19.8	80	0.001	0.001	0.004	0.001	2011110				0.001		0.7
0.008	0.001 0.0	רטע	4.5	0.002	0.001	0.003	0.007	0.001	0.002	U.U18	0.8	1.4/	0.002	U.UU4	0.6

Nid	Pd	Pbd	Sid	Sic	Srd	Src	Znd	Znc
0.002	0.001	0.001	5.07	0.532	0.421	0.002	0.187	0.030
0.004	0.001	0.001	5.01	0.758	0.414	0.018	0.198	0.024
0.005	0.005	0.008	4.86	0.410	0.567	0.013	0.315	0.012
0.001	0.040	0.001	4.99	0.468	0.515	0.014	0.256	0.032
0.001	0.025	0.007	4.69	0.653	0.492	0.039	0.262	0.033
0.001	0.001	0.001	4.86	0.526	0.570	0.036	0.281	0.066
0.005	0.001	0.001	4.89	0.495	0.541	0.029	0.220	0.095
0.003	0.001	0.004	4.95	0.663	0.542	0.025	0.274	0.039
0.003	0.005	0.001	5.04	0.653	0.549	0.021	0.250	0.057
0.004	0.021	0.001	5.15	0.343	0.560	0.001	0.286	0.022
0.003	0.021	0.001	5.13	0.541	0.547	0.029	0.274	0.048
0.001	0.001	0.001	5.06	0.475	0.554	0.001	0.275	0.035
0.001	0.001	0.001	5.03	0.557	0.540	0.014	0.277	0.039
0.001	0.001	0.001	5.07	0.594	0.537	0.025	0.282	0.029
0.001	0.001	0.001	5.07	0.460	0.546	0.008	0.264	0.039
0.001	0.001	0.001	5.13	0.498	0.545	0.019	0.264	0.054
0.001	0.001	0.001	5.09	0.367	0.531	0.018	0.284	0.015
0.001	0.001	0.001	5.04	0.600	0.545	0.021	0.228	0.081
0.001	0.010	0.013	4.90	0.897	0.516	0.042	0.238	0.069
0.003	0.007	0.010	5.00	0.586	0.548	0.008	0.241	0.062
0.003	0.024	0.001	4.85	0.697	0.521	0.036	0.220	0.081
0.002	0.006	0.012	4.78	0.654	0.519	0.024	0.219	0.077
0.001	0.001	0.007	4.89	0.523	0.527	0.018	0.256	0.037
0.003	0.001	0.011	4.85	0.535	0.527	0.015	0.223	0.077
0.001	0.006	0.002	4.96	0.544	0.547	0.010	0.237	0.069
0.001	0.001	0.015	4.94	0.543	0.532	0.025	0.227	0.080
0.001	0.001	0.012	4.97	0.602	0.545	0.020	0.219	0.096
0.001	0.001	0.011	4.91	0.579	0.539	0.014	0.218	0.089
0.001	0.009	0.018	4.82	0.602	0.519	0.029	0.217	0.091
0.002	0.028	0.023	4.79	0.500	0.516	0.016	0.227	0.082
0.001	0.001	0.012	4.75	0.616	0.521	0.019	0.223	0.094
0.001	0.001	0.004	4.64	0.722	0.506	0.037	0.277	0.047
0.001	0.018			0.514	0.440	0.029		0.075
0.004	0.001	0.001	7.87	0.295	0.539	0.024	0.256	0.003
0.002	0.001	0.002	4.87	0.522	0.643	0.040	0.355	0.060
0.001	0.034	0.010	2.26	0.106	0.114	0.009	0.016	0.001
0.002	0.043	0.001	2.05	0.007	0.272	0.001	0.008	0.001
0.001	0.008	0.003	1.61	0.057	0.193	0.012	- 2	0.001
0.001	0.005	0.017	2.40	0.039	0.130	0.003		0.001
0.003	0.038	0.036			0.029	0.001	0.006	0.001
0.003	0.034	0.032		0.055	0.092	0.001	10	0.001
0.001	0.023	0.034			0.222		0.007	0.001
0.001	0.001	0.001			0.053	0.001	55	0.001
0.003	0.008	0.026	1.54	0.002	0.031	0.003	0.023	0.001

Site ID	рН	Zn	Total	Ald	Alc	Asd	Asc	Bd	Вс	Cad	Cdd	Cdc	Cr	Cud	Cut	Fed	Fec	Kd	Mgd	Mnd	Mnc	Nad	Nid	Pd	Pbd	l Sid
300-RA		0.22		1.832		0.000		0.000		48.5	0.001		0.000	0.029		2.605			4.03			5.0	0.002	-0.050	0.008	5.60
300-UFA		0.19	0.030	0.015	1.817	0.004	-0.005	0.002	-0.001	48.3	0.001	0.000	0.000	0.003	0.026	0.722	1.883	0.4	4.02	0.270	0.002	5.0	0.002	0.000	-0.014	5.07
390-RA	6.43	0.26		0.304		-0.012		0.009		58.8	0.000		0.001	0.003		0.007			4.91			3.5	0.003	-0.032	-0.004	8.17
390-UFA		0.26	0.003	0.286	0.018	-0.007	-0.005	0.011	-0.002	56.6	0.002	-0.002	0.002	0.005	-0.002	0.001	0.006	1.0	4.73	0.100	0.004	3.3	0.004	0.000	-0.014	7.87
420-RA	5.58	0.22		1.813		0.011		0.004		49.6	0.001		0.000	0.030		2.547		0.4	4.10	0.273		5.0	0.004	0.022	0.000	5.77
420-FA		0.19		0.020		0.007		0.003		48.0	-0.001		0.000	0.003		0.572		0.4	3.97	0.261		4.9	0.001	0.005	-0.002	5.07
420-UFA		0.20	0.024	0.022	1.791	0.008	0.003	0.004	-0.001	47.7	-0.002	0.002	0.000	0.005	0.025	0.460	2.087	0.4	3.95	0.259	0.014	4.9	0.004	0.001	-0.014	5.01
460-RA	6.75	0.42		1.024		0.012		0.000		66.9	-0.002		0.000	0.011		1.040		8.0	3.69	1.023		2.4	0.004	0.016	0.002	5.39
460-FA		0.35		0.034		0.005		0.000		63.3	-0.001		0.000	0.002		0.087		0.6	3.50	0.964		2.3	0.001	0.025	-0.010	4.85
460-UFA		0.36	0.060	0.036	0.988	0.004	0.008	-0.001	0.001	63.0	-0.001	-0.001	0.000	0.009	0.002	0.045	0.995	8.0	3.51	0.966	0.057	2.3	0.002	-0.002	0.002	4.87
512A-RA	6.96	0.35		1.218		0.009		0.006		61.0	0.002		0.001	0.016		1.400		8.0	3.72	0.801		2.9	0.001	0.008	-0.003	5.39
512A-FA		0.30		0.031		-0.005		0.004		60.1	0.001		0.000	0.001		0.320		0.6	3.68	0.787		2.9	0.003	-0.008	-0.002	5.02
512A-UFA		0.28	0.066		1.173		0.010	0.004				-0.001	-0.001	0.004	0.012	0.189	1.211				0.044	2.8			-0.003	
	6.90	0.33		1.105		0.005		0.003		59.0	0.001		0.001	0.015		1.322		8.0	3.68	0.744		3.1	0.003	0.021	0.008	5.27
512B-FA		0.29		0.028		0.000		0.004		57.9	0.000		-0.001	0.002		0.077			3.60			3.0	0.005	0.019	0.002	-
512B-UFA		0.31	0.012		1.040	0.009	-0.004		-0.001		0.000	0.001	-0.001	0.015	0.000		1.263				0.021	3.2	0.005	0.005	0.008	-
	7.06	0.31		1.120		0.005		0.003		58.4	0.001		-0.001	0.014		1.387			3.78			3.4	0.001	0.014	0.000	
512C-FA		0.28		0.021		0.002		0.004		57.4	0.000		0.002	0.004		0.218			3.72			3.3	0.004		0.002	
512C-UFA		0.22	0.095	0.054	1.066	-0.001	0.006	0.004			0.001	0.000	0.000	0.004	0.010		1.348				0.036			-0.014		-
	6.89	0.30		1.308		0.012		0.004		55.6	0.001		0.000	0.018		1.627			3.76			3.6	0.002		-0.003	
512D-FA		0.26		0.038		0.016		0.002		54.7	0.000		0.000	0.008		0.352			3.68			3.6	0.003	0.011	0.009	
512D-UFA		0.26	0.033		1.271	0.004	0.009				0.002	0.000	0.001	0.005	0.013	0.248	1.379				0.042	_	0.001	0.025	0.007	
	6.94	0.29		1.216		0.005		0.003		55.9	0.001		0.000	0.018		1.619		0.5				3.9	0.001	0.020	0.001	-
512E-FA		0.26		0.035		0.003		0.004		55.5	0.002		0.000	0.005		0.293			3.84			3.9	0.001	0.024	0.006	
512E-UFA		0.26	0.032	0.036	1.181	0.000	0.006	0.005				-0.001	0.001	0.011	0.008		1.487				0.017		0.001	0.040		
	6.85	0.31		1.373		0.011		0.005		58.8	0.001		0.000	0.021		1.582			4.13			3.5	0.002	0.028	0.003	-
807-FA		0.26	0.000	0.066	4.070	0.001	0.000	0.004		54.8	0.001	0.000	0.000	0.003	0.045	0.154	4 405		3.83		0.000	3.3	0.005	0.002	0.004	-
807-UFA	0.04	0.27	0.039	0.094	1.279	0.009	0.003	0.005			0.001	0.000		0.006	0.015		1.465		_		0.038	_		-0.012		
	6.61	0.31		1.237		0.012		0.005		58.8	0.002		0.001	0.017		1.603			4.40			3.5	0.004	0.031	0.011	-
992-FA		0.25	0.057	0.035	4.000	0.003	0.005	0.005		55.2	0.000	0.004	-0.001	0.001	0.044	0.102	4 504		4.07		0.000	3.4	0.003		-0.009	-
992-UFA 1262-RA	6 00	0.25	0.057	0.029	1.208	0.007	0.005	0.005		56.9	0.001	0.001	-0.001	0.002	0.014	0.082 1.808	1.521		3.79		0.038	3.4	0.003	0.005	-0.002 0.004	-
1262-KA 1262-FA	0.02	0.31		1.431 0.031		0.011		0.004		58.0	0.000		0.000	0.019		0.099			3.83			3.5	0.004	0.027		
1262-FA 1262-UFA		0.27	0.022	0.031	1.394	0.020	0.011	0.005				-0.001	0.001	0.003	0.004	0.099	1 720				0.004	3.5	0.007	0.015	-0.002	-
	6 75	0.29	0.022	1.329	1.394	0.000	0.011	0.003			-0.001	-0.001	0.001	0.014	0.004	1.569	1.730		3.88		0.004	3.5	0.004	0.021		-
1792-KA 1792-FA	0.73	0.32		0.022		-0.005		0.002			-0.001		-0.001	0.016		0.196			3.81			3.5	0.002	0.012		_
1792-FA 1792-UFA		0.27	0.048		1.301	0.003	-0.004			56.6		-0.002		0.008	0.010		1 424				0.021	3.4	0.003		-0.011	
2032-RA		0.27	0.046	1.391	1.301	-0.009	-0.004	0.003		57.4	0.001	-0.002	-0.001	0.008	0.010	1.551	1.424	0.7			0.001	_		-0.030		-
2032-KA 2032-FA		0.31		0.015		-0.009		0.001		57.4	0.001		-0.001	0.017		0.011			3.73			3.2		-0.030		-
2032-FA 2032-UFA		0.27	0.035		1.383		-0.002	0.000			0.003	0.000	-0.001	0.002	0.015	0.011	1 5/12		_		0.002	_	-0.003			
	7.07	0.27	0.000	1.456	1.503	0.007	-0.002	0.000		57.9	0.002	0.000	0.001	0.002	0.013	1.655	1.040		3.77		0.002	3.4		-0.010		-
2272-KA 2272-FA	7.07	0.32		0.015		-0.012		0.000			-0.001		0.002	0.021		0.207			3.66				0.004			_
2272-FA 2272-UFA		0.27	0.039		1.444	0.012	-0.003		-0.002			0.001	0.000	0.001	0.017	0.207	1 // 72		_		0.019		0.003			-
	6 91	0.28	0.008	0.012	1	-0.006	-0.003	0.002			-0.001	0.001	0.000	0.003	0.017	0.177	1.710		2.03		0.010		-0.004			-
2201-11/7	0.01	0.01		0.021		-0.000		0.009		20.7	-0.001		0.000	0.004		0.010		0.5	2.00	0.000		1.7	-0.004	0.000	-0.004	⊥ ∠.50

2297-FA		0.01		0.009		-0.003		0.008			-0.002		-0.001	0.005		0.001		1.94 0.001	_			-0.016		
2297-UFA		0.02	-0.006		-0.006	-0.004	-0.002	0.008				-0.001		0.009	-0.005							0.034		_
2542-RA	7.58	0.31		1.455		0.001		0.003		58.1	0.003		-0.001	0.017		1.484		3.83 0.677			0.000		0.006	
2542-FA		0.27		0.047		0.000		0.002		56.2	0.002		-0.001	0.003		0.189		3.69 0.653				0.000		
2542-UFA		0.28	0.029	0.038	1.417	-0.001	0.003	0.004	0.000	55.6	0.003	0.000	0.000	0.004	0.012		1.0	3.67 0.649	0.027	3.2 -	0.001	0.000	-0.005	5.07
2982A-RA	7.00	0.32		1.367		-0.008		0.002		58.3	0.002		0.000	0.018		1.433	0.6	3.87 0.684		3.3	0.000	-0.011	0.003	5.63
2982A-FA		0.26		0.040		-0.003		0.003		57.1	0.001		0.000	0.003		0.067	1.0	3.76 0.667	1	3.3	0.001	-0.025	-0.001	5.10
2982A-UFA		0.26	0.054	0.036	1.331	0.008	-0.016	0.002	-0.001	56.3	0.002	0.000	0.000	0.005	0.013	0.055 1.378	0.5	3.75 0.662	0.022	3.3	0.000	-0.018	-0.010	5.13
2982B-RA	7.07	0.30		1.352		-0.001		0.000		57.3	0.002		-0.001	0.017		1.414	0.6	3.78 0.675	5	3.3 -	0.002	-0.024	-0.005	5.53
2982B-FA		0.25		0.037		-0.015		0.003		56.7	0.004		-0.001	0.001		0.055	0.7	3.74 0.663	3	3.3	0.001	-0.049	-0.011	5.07
2982B-UFA		0.26	0.039	0.042	1.310	-0.013	0.011	0.002	-0.001	56.3	0.003	-0.001	-0.001	0.004	0.014	0.044 1.370	0.6	3.72 0.660	0.014	3.3 -	0.002	-0.042	-0.014	5.07
3053-RA	7.22	0.01		0.012		-0.007		0.003		22.9	-0.003		0.003	0.008		0.008	0.8	2.03 0.001		1.3 -	0.001	0.036	-0.007	2.06
3053-FA		0.01		0.021		-0.006		0.002		22.8	-0.001		0.004	0.007		0.003	0.6	2.00 0.001		1.3 -	0.001	0.022	0.013	2.05
3053-UFA		0.01	0.001	0.031	-0.018	-0.011	0.005	0.003	0.001	22.8	-0.003	0.000	0.000	0.011	-0.003	0.005 0.002	0.3	1.99 0.000	0.001	1.3	0.002	0.043	-0.013	2.05
3342-RA	7.82	0.30		1.260		-0.006		0.001		56.6	0.002		-0.001	0.017		1.336	0.7	3.77 0.673	3	3.3	0.000	-0.019	0.010	5.46
3342-FA		0.25		0.032		-0.003		0.002		56.4	0.002		0.000	0.002		0.031	0.8	3.77 0.669		3.3 -	0.002	0.000	-0.003	5.05
3342-UFA		0.28	0.015	0.031	1.229	-0.001	-0.006	0.000	0.001	54.5	0.003	-0.001	-0.001	0.016	0.001	0.029 1.307	0.5	3.68 0.652	0.021	3.2 -	0.001	0.000	-0.003	5.09
3733-RA	7.03	0.31		1.330		-0.006		0.001		58.2	0.004		-0.002	0.017		1.463	0.8	3.96 0.699)	3.4 -	0.001	-0.036	-0.003	5.64
3733-FA		0.25		0.031		-0.003		0.002		56.6	0.001		-0.001	0.002		0.011	0.8	3.84 0.675	5	3.3	0.000	0.000	0.001	5.06
3733-UFA		0.23	0.081	0.044	1.286	-0.003	-0.003	0.000	0.001	56.3	0.003	0.001	-0.001	0.001	0.016	0.005 1.457	0.8	3.82 0.668	0.032	3.3	0.001	0.000	-0.005	5.04
3763-RA	7.07	0.01		0.000		0.003		-0.001		22.0	-0.002		0.000	0.002		0.015	0.5	2.65 0.002	2	1.3	0.005	0.012	-0.001	1.66
3763-FA		0.01		0.003		0.011		0.000		21.4	-0.002		0.000	0.004		0.003	0.3	2.57 0.001		1.3	0.001	-0.003	0.010	1.60
3763-UFA		0.02	-0.014	0.003	-0.003	-0.010	0.013	-0.001	-0.001	20.7	-0.001	0.000	0.000	0.013	-0.011	0.007 0.009	0.3	2.54 0.001	0.001	1.3	0.001	0.008	0.003	1.61
4003-RA	7.74	0.31		1.430		0.007		0.003		58.0	-0.002		0.001	0.020		1.849	0.7	4.28 0.671		3.5	0.005	0.031	0.015	5.80
4003-FA		0.23		0.022		-0.003		0.003		55.9	-0.001		-0.001	0.001		0.026	0.5	4.02 0.627	•	3.3	0.003	-0.020	-0.003	4.93
4003-UFA		0.24	0.069	0.045	1.386	0.006	0.000	0.003	-0.001	54.1	0.001	-0.003	0.000	0.006	0.013	0.017 1.833	0.6	3.98 0.612	0.058	3.3	0.000	0.010	0.013	4.90
4353-RA	6.99	0.30		1.402		0.000		0.001		57.9	-0.004		0.001	0.020		1.671	0.8	3.83 0.633	3	3.4	0.003	0.003	0.020	5.58
4353-FA		0.23		0.012		0.004		0.001		56.0	-0.001		0.000	0.001		0.028	0.5	3.70 0.605	5	3.3	0.005	0.026	0.002	4.95
4353-UFA		0.24	0.062	0.022	1.380	0.006	-0.006	0.001	0.000	56.9	-0.001	-0.003	0.000	0.006	0.014	0.013 1.658	0.7	3.75 0.616	0.017	3.4	0.003	0.007	0.010	5.00
4773-RA	6.99	0.30		1.374		-0.010		0.001		57.6	0.002		-0.001	0.019		1.586	0.9	3.79 0.631		3.5	0.002	0.029	0.012	5.55
4773-FA		0.23		0.029		-0.014		0.002		55.0	0.000		0.000	0.003		0.024	0.9	3.60 0.599)	3.3	0.001	0.012	-0.001	4.87
4773-UFA		0.22	0.081	0.042	1.331	-0.005	-0.005	0.001	0.000	53.9	0.000	0.002	0.000	0.004	0.016	0.016 1.570	0.9	3.58 0.590	0.041	3.2	0.003	0.024	-0.002	4.85
5073-RA	6.91	0.30		1.383		0.001		0.003		56.4	0.002		0.000	0.019		1.586	0.6	3.73 0.617	,	3.4	0.000	0.039	0.022	5.44
5073-FA		0.22		0.043		-0.009		0.002		55.3	0.003		0.002	0.003		0.013	0.9	3.65 0.599)	3.3	0.001	0.013	0.009	4.86
5073-UFA		0.22	0.077	0.032	1.350	-0.015	0.016	0.001	0.002	53.9	0.003	-0.001	-0.001	0.004	0.015	0.006 1.581	0.7	3.57 0.588	0.028	3.3	0.002	0.006	0.012	4.78
5123-RA	7.08	0.01		0.000		-0.013		0.004		31.4	0.001		0.000	0.002		0.001	0.5	4.96 0.001		1.7 -	0.001	0.041	0.038	2.44
5123-UFA		0.01	0.000	-0.002	0.002	0.005	-0.019	0.005	-0.001	30.7	0.002	-0.001	0.002	0.004	-0.003	-0.001 0.001	0.7	4.86 0.000	0.000	1.6	0.000	0.005	0.017	2.40
5493-RA	7.84	0.29		1.259		0.001		0.003		56.5	0.003		0.000	0.018		1.453	0.9	3.77 0.615	;	3.4	0.002	0.018	0.020	5.41
5493-FA		0.23		0.046		0.000		0.003		55.1	0.002		0.000	0.002		0.019	0.8	3.67 0.594		3.3	0.002	0.009	0.006	4.85
5493-UFA		0.26	0.037	0.139	1.120	-0.002	0.004	0.002	0.002	54.8	0.002		0.001	0.007	0.011	0.020 1.433				3.3 -	0.001	-0.006	0.007	4.89
5723-RA	7.17	0.00		0.058		-0.005		0.003		8.3	0.003		0.000	0.001		0.049		1.33 0.004			0.005	0.039	0.014	1.92
5723-UFA		0.01	-0.002	0.021	0.037	0.009	-0.014	0.000	0.003	8.3	0.002	0.001	0.001	0.003	-0.002	0.008 0.042	0.7	1.32 0.001	0.003	0.7	0.003	0.038	0.036	1.89
5908-RA	7.08	0.30		1.265		-0.009		0.003		56.2	0.001		0.001	0.018		1.465	0.8	3.75 0.613	3	3.4	0.004	0.004	0.016	5.39
5908-FA		0.22		0.039		-0.001		0.001		55.1	0.001		0.000	0.003		0.013		3.68 0.597		3.4	0.001	0.002	0.007	_
5908-UFA		0.22	0.077	0.040	1.225	-0.009	0.000	0.002				-0.002		0.006	0.013							0.001		_
																			,					

6268-RA	6.86	0.31		1.242		0.007		0.001		57.7	0.002		0.000	0.018		1.428		8.0	3.84 0	.627		3.5	0.000	0.012	0.004 5.51
6268-FA		0.23		0.042		-0.014		0.001		55.1	0.001		0.000	0.003		0.016		8.0	3.68 0	.599		3.3	0.002	-0.002	0.005 4.86
6268-UFA		0.24	0.069	0.052	1.190	-0.001	0.007	0.001	0.000	56.5	0.003	-0.001	0.000	0.003	0.015	0.007	1.421	0.9	3.77 0	.611	0.016	3.4	0.000	0.006	0.002 4.96
6538-RA	7.23	0.01		0.030		-0.011		0.002		30.3	0.001		0.001	0.005		0.072		1.2	6.07	.005		1.2	0.005	0.007	0.015 2.63
6538-FA		0.00		0.008		-0.027		0.001		30.2	0.001		0.002	0.004		0.004		0.9	6.06	.001		1.2	0.000	0.005	0.035 2.56
6538-UFA		0.01	-0.002	0.020	0.010	-0.030	0.019	0.006	-0.004	30.4	0.001	-0.001	0.002	0.010	-0.006	0.004	0.068	1.0	6.09	.001	0.004	1.2	0.003	0.034	0.032 2.57
6788-RA	8.01	0.31		1.222		-0.008		0.002		57.6	0.003		0.000	0.018		1.402		1.0	3.84 0	.626		3.5	0.002	0.027	0.010 5.48
6788-FA		0.23		0.043		-0.001		0.003		55.8	0.001		0.001	0.002		0.011		8.0	3.73	.605		3.4	0.005	-0.016	-0.004 4.92
6788-UFA		0.23	0.080	0.039	1.182	-0.003	-0.005	0.002	-0.001	54.9	0.001	0.002	0.000	0.004	0.014	0.006	1.397	0.7	3.71 0	.599	0.027	3.3	0.001	-0.011	0.015 4.94
7208-RA	7.38	0.32		1.222		0.004		0.004		58.6	0.001		0.000	0.016		1.389		0.9	3.91 0	.638		3.5	0.001	0.037	0.009 5.57
7208-FA		0.23		0.049		-0.003		0.002		56.3	0.002		0.000	0.003		0.005		0.6	3.77	.607		3.4	0.001	-0.002	0.009 4.93
7208-UFA		0.22	0.096	0.048	1.174	-0.008	0.012	0.002	0.002	56.6	0.003	-0.002	0.000	0.006	0.010	-0.001	1.390	8.0	3.78	.611	0.027	3.4	0.000	-0.002	0.012 4.97
7496-RA	7.41	0.01		0.008		-0.013		0.000		20.5	0.003		-0.001	0.004		0.011		0.5	2.02	.001		1.5	0.001	0.009	0.038 1.80
7496-UFA		0.01		0.019	-0.011	0.001	-0.013	0.001	-0.001	20.6	0.001	0.002	0.001	0.004	-0.001	0.002	0.009	0.6	2.06	0.000	0.001	1.5	0.001	0.023	0.034 1.79
7786-RA	7.91	0.31		1.202		0.005		0.001		57.4	0.002		0.000	0.016		1.398		0.9	3.83	.621		3.4	0.003	0.009	0.026 5.49
7786-FA		0.22		0.042		-0.005		0.003		56.2	0.001		0.000	0.002		0.001		0.9	3.75 0	.603		3.4	0.002	-0.019	0.017 4.91
7786-UFA		0.22	0.089	0.048	1.154	-0.006	0.011	0.001	0.000	56.1	0.002	-0.001	0.000	0.003	0.012	0.002	1.397	8.0	3.74 C	.603	0.018	3.4	0.001	-0.005	0.011 4.91
8086-RA	7.24	0.31		1.156		-0.001		0.003		57.0	0.002		0.000	0.017		1.308		0.9	3.80 0	.615		3.4	0.001	0.036	0.012 5.43
8086-FA		0.22		0.047		0.005		0.002		56.3	0.000		0.000	0.004		0.000		8.0	3.76	.604		3.4	0.000	-0.005	0.019 4.92
8086-UFA		0.22	0.091	0.045	1.111	-0.012	0.011	0.002	0.000	54.2	0.002	0.000	-0.001	0.004	0.013	-0.002	1.310	8.0	3.66	.583	0.032	3.3	0.000	0.009	0.018 4.82
8466-RA	7.19	0.31		1.176		0.000		0.000		55.4	0.002		0.000	0.016		1.357		8.0	3.70 0	.596		3.3	0.001	0.008	0.009 5.29
8466-FA		0.22		0.042		-0.005		0.000		55.0	0.003		0.000	0.002		0.004		8.0	3.67	.588		3.3	0.005	0.027	0.005 4.79
8466-UFA		0.23	0.082	0.046	1.130	-0.001	0.001	0.003	-0.003	53.9	0.002	0.000	0.000	0.008	0.007	0.002	1.355	0.9	3.65	.581	0.016	3.2	0.002	0.028	0.023 4.79
8486-RA	8.05	0.00		0.004		0.001		0.004		20.3	0.003		0.000	0.000		0.012		0.0	4.96	.003		0.7	-0.001	-0.048	-0.023 1.33
8486-FA		0.00		0.007		-0.003		0.002		20.2	0.003		-0.002	0.000		-0.001		0.0	4.89 0	0.000		0.7	-0.003	0.000	-0.014 1.32
8486-UFA		0.00	-0.002	0.019	-0.016	-0.018	0.019	0.000	0.004	19.8	0.003	0.001	-0.001	0.004	-0.003	-0.002	0.014	0.0	4.87 0	0.000	0.003	0.7	-0.005	0.000	-0.010 1.31
8651-RA	7.31	0.32		1.128		0.002		0.003		56.6	0.002		0.000	0.017		1.286		8.0	3.82	.610		3.4	0.000	0.037	0.013 5.36
8651-FA		0.22		0.049		0.005		0.003		54.7	0.001		0.002	0.004		0.006		1.1	3.71 0	.585		3.3	0.000	-0.009	0.005 4.78
8651-UFA		0.22	0.094	0.049	1.079	0.003	-0.001	0.001	0.002	54.4	0.003	-0.001	0.000	0.003	0.014	-0.003	1.289	8.0	3.71 0	.582	0.028	3.3	-0.001	-0.009	0.012 4.75
10171-RA	7.19	0.32		1.136		0.002		0.002		56.9	0.003		-0.001	0.015		1.305		8.0	3.86	.606		3.2	0.000	-0.020	-0.001 5.36
10171-FA		0.24		0.043		-0.003		0.001		54.0	0.004		0.001	0.002		0.007		0.7	3.66	.570		3.1	-0.002	-0.024	-0.002 4.65
10171-UFA		0.28	0.047	0.037	1.100	0.000	0.002	0.002	0.000	53.2	0.002	0.001	-0.002	0.007	0.008	-0.001	1.305	0.6	3.61	.564	0.041	3.0	-0.001	-0.040	0.004 4.64
10231-RA	7.40	0.01		0.094		-0.007		-0.002		4.8	0.001		0.002	0.004		0.020		0.7	1.56 0	.006		0.6	0.001	0.053	0.033 1.54
10231-FA		0.01		0.032		-0.014		-0.001		4.9	0.002		0.000	0.004		0.008		8.0	1.54 C	.002		0.6	0.000	0.004	0.023 1.54
10231-UFA		0.02	-0.017	0.013	0.080	-0.016	0.008 -	-0.001	0.000	4.5	0.002	-0.001	0.003	0.007	-0.003	0.002	0.018	8.0	1.47 C	.002	0.004	0.6	0.003	0.008	0.026 1.54
10621-RA	7.18	0.28		0.988		-0.005		0.001		49.6	0.003		0.001	0.014		1.125		1.0	3.51 0	.521		3.0	0.003	0.017	0.018 4.85
10621-FA		0.21		0.052		-0.007		0.001		47.4	0.000		0.001	0.004		0.011		1.0	3.36	.496		2.9	0.004	0.019	0.016 4.30
10621-UFA		0.21	0.075	0.039	0.950	-0.006	0.001	0.001	-0.001	46.5	0.002	0.001	0.000	0.005	0.009	0.008	1.117	0.8	3.33 0	.490	0.031	2.9	0.000	0.018	0.016 4.33

Sic	Srd	Src	Znd	Znc
	0.42		0.217	
0.53	0.42	0.00	0.187	0.030
	0.56		0.259	
0.30	0.54	0.02	0.256	0.003
	0.43		0.221	
	0.42		0.189	
0.76	0.41	0.02	0.198	0.024
	0.68		0.415	
	0.64		0.350	
0.52	0.64	0.04	0.355	0.060
	0.61		0.347	
	0.59		0.304	
0.53	0.57	0.04	0.281	0.066
	0.58		0.327	
	0.57		0.288	
0.41	0.57	0.01	0.315	0.012
	0.57		0.315	
	0.56		0.278	
0.50	0.54	0.03	0.220	0.095
	0.53		0.296	
	0.52		0.260	
0.65	0.49	0.04	0.262	0.033
	0.53		0.288	
	0.52		0.261	
0.47	0.51	0.01	0.256	0.032
	0.57		0.313	
	0.53		0.258	
0.66	0.54	0.02	0.274	0.039
	0.57		0.307	
	0.53		0.245	
0.65	0.55	0.02	0.250	0.057
	0.55		0.308	
	0.56		0.266	
0.34	0.56	-0.01	0.286	0.022
	0.58		0.322	
	0.56		0.280	
0.54	0.55	0.03	0.274	0.048
	0.55		0.309	
	0.55		0.273	
0.48	0.55	0.00	0.275	0.035
	0.55		0.315	
	0.54		0.267	
0.56	0.54	0.01	0.277	0.039
	0.12		0.009	

	0.12		0.006	
0.11	0.11	0.01	0.016	-0.006
	0.56		0.311	
	0.54		0.274	
0.59	0.54	0.03	0.282	0.029
	0.56		0.318	
	0.55		0.256	
0.50	0.54	0.02	0.264	0.054
	0.55		0.303	
	0.55		0.253	
0.46	0.55	0.01	0.264	0.039
	0.27		0.008	
	0.27		0.008	
0.01	0.27	0.00	0.008	0.001
0.01	0.55	0.00	0.299	0.001
	0.55		0.253	
0.37	0.53	0.02	0.284	0.015
0.07	0.57	0.02	0.309	0.010
	0.55		0.247	
0.60	0.55	0.02	0.228	0.081
0.00	0.20	0.02	0.010	0.001
	0.20		0.005	
0.06	0.20	0.01	0.005	-0.014
0.00		0.01		-0.014
	0.56		0.307	
0.00	0.53	0.04	0.225	0.000
0.90	0.52	0.04	0.238	0.069
	0.56		0.303	
0.50	0.54	0.01	0.228	0.000
0.59	0.55	0.01	0.241	0.062
	0.56		0.302	
0.70	0.53	0.04	0.226	0.004
0.70	0.52	0.04	0.220	0.081
	0.54		0.297	
0.05	0.53	0.00	0.224	0.07-
0.65	0.52	0.02	0.219	0.077
	0.13		0.006	
0.04	0.13	0.00	0.006	0.000
	0.55		0.294	
	0.53		0.226	
0.52	0.53	0.02	0.256	0.037
	0.03		0.004	
0.03	0.03	0.00	0.006	-0.002
	0.54		0.300	
	0.53		0.225	
0.54	0.53	0.01	0.223	0.077

	0.56		0.306	
	0.53		0.230	
0.54	0.55	0.01	0.237	0.069
	0.09		0.009	
	0.09		0.004	
0.06	0.09	0.00	0.011	-0.002
	0.56		0.307	
	0.54		0.226	
0.54	0.53	0.02	0.227	0.080
	0.57		0.315	
	0.54		0.226	
0.60	0.55	0.02	0.219	0.096
	0.22		0.006	
0.009	0.22	-0.001	0.007	-0.001
	0.55		0.308	
	0.54		0.216	
0.58	0.54	0.01	0.218	0.089
	0.55		0.308	
	0.54		0.224	
0.60	0.52	0.03	0.217	0.091
	0.53		0.309	
	0.52		0.223	
0.50	0.52	0.02	0.227	0.082
	0.05		0.001	
	0.05		0.000	
0.03	0.05	0.00	0.002	-0.002
	0.54		0.316	
	0.52		0.225	
0.62	0.52	0.02	0.223	0.094
	0.54		0.324	
	0.51		0.236	
0.72	0.51	0.04	0.277	0.047
	0.03		0.006	
	0.03		0.008	
0.00	0.03	0.00	0.023	-0.017
	0.47		0.283	
	0.45		0.214	
0.51	0.44	0.03	0.208	0.075

300-RA	1.84293	0.00324	0	48.41558	0.00277	-0.00156	0.02799	2.60908	0.08342
300	1.821	-0.004	0.001	48.636	0.000	0.001	0.030	2.600	0.350
difference	0.02161	0.00701	0.00098	0.22064	0.00326	0.00239	0.00219	0.00905	0.26632
mean	1.83213	-0.00027	0.00049	48.5259	0.00114	-0.00037	0.02909	2.60456	0.21658
300-FA	0.02114	-0.00337	0.00033	48.38292	0.00397	-0.00044	0.00098	0.72041	0.26068
	0.010	0.012	0.003	48.227	-0.002	0.001	0.006	0.723	0.531
difference	0.01135	0.01552	0.00295	0.15627	0.00587	0.00161	0.00462	0.00274	0.2704
mean	0.01547	0.00439	0.00181	48.30479	0.00104	0.00037	0.00329	0.72178	0.39588
390-RA	0.32368	-0.00561	0.01089	59.48486	0.00393	-0.00039	0.00043	0.00368	1.1366
390	0.285	-0.018	0.007	58.195	-0.004	0.003	0.005	0.010	0.764
difference	0.03912	0.01234	0.00399	1.28986	0.00783	0.00303	0.00415	0.00601	0.37236
mean	0.30412	-0.01178	0.00890	58.83993	0.00002	0.00113	0.00251	0.00669	0.95042
390-FA	0.29197	-0.00689	0.00891	57.59405	0.00196	0.00039	0.00175	-0.00299	0.77163
	0.27992	-0.00761	0.01249	55.69113	0.0013	0.00447	0.00733	0.00488	1.1917
difference	0.01205	0.00072	0.00358	1.90292	0.00066	0.00408	0.00558	0.00787	0.42007
mean	0.28595	-0.00725	0.0107	56.64259	0.00163	0.00243	0.00454	0.00095	0.98167

4.030 0.273 5.057 0.006 -0.037 0.014 5.586 0.423 0.217 0.00424 0.0011 0.12189 0.00743 0.02667 0.01083 0.02845 0.00079 0.00033 4.03165 0.27267 4.99630 0.00230 -0.04990 0.00849 5.60049 0.42295 0.21733 4.02207 0.26886 4.88051 -0.00274 -0.1009 -0.00744 5.08818 0.42181 0.18689 4.014 0.272 5.068 0.006 -0.068 -0.020 5.048 0.420 0.188 0.0085 0.00325 0.18784 0.00907 0.03275 0.01274 0.03984 0.00202 0.00093 4.01782 0.27049 4.97443 0.00180 -0.08453 -0.01381 5.06826 0.4208 0.18736 4.9869 0.10457 3.4194 0.00208 -0.03318 -0.00409 8.28664 0.57043 0.26324 4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002	4.03377	0.27212	4.93535	-0.00142	-0.06323	0.00307	5.61471	0.42334	0.21716	
4.03165 0.27267 4.99630 0.00230 -0.04990 0.00849 5.60049 0.42295 0.21733 4.02207 0.26886 4.88051 -0.00274 -0.1009 -0.00744 5.08818 0.42181 0.18689 4.014 0.272 5.068 0.006 -0.068 -0.020 5.048 0.420 0.188 0.0085 0.00325 0.18784 0.00907 0.03275 0.01274 0.03984 0.00202 0.00093 4.01782 0.27049 4.97443 0.00180 -0.08453 -0.01381 5.06826 0.4208 0.18736 4.9869 0.10457 3.4194 0.00208 -0.03318 -0.00409 8.28664 0.57043 0.26324 4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002 0.06509 0.00161 0.00011 0.23732 0.01481 0.00775 4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 <td>4.030</td> <td>0.273</td> <td>5.057</td> <td>0.006</td> <td>-0.037</td> <td>0.014</td> <td>5.586</td> <td>0.423</td> <td>0.217</td> <td></td>	4.030	0.273	5.057	0.006	-0.037	0.014	5.586	0.423	0.217	
4.02207 0.26886 4.88051 -0.00274 -0.1009 -0.00744 5.08818 0.42181 0.18689 4.014 0.272 5.068 0.006 -0.068 -0.020 5.048 0.420 0.188 0.0085 0.00325 0.18784 0.00907 0.03275 0.01274 0.03984 0.00202 0.00093 4.01782 0.27049 4.97443 0.00180 -0.08453 -0.01381 5.06826 0.4208 0.18736 4.9869 0.10457 3.4194 0.00208 -0.03318 -0.00409 8.28664 0.57043 0.26324 4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002 0.06509 0.00161 0.0016 0.00011 0.23732 0.01481 0.00775 4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 3.309 0.0087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363	0.00424	0.0011	0.12189	0.00743	0.02667	0.01083	0.02845	0.00079	0.00033	
4.014 0.272 5.068 0.006 -0.068 -0.020 5.048 0.420 0.188 0.0085 0.00325 0.18784 0.00907 0.03275 0.01274 0.03984 0.00202 0.00093 4.01782 0.27049 4.97443 0.00180 -0.08453 -0.01381 5.06826 0.4208 0.18736 4.9869 0.10457 3.4194 0.00208 -0.03318 -0.00409 8.28664 0.57043 0.26324 4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002 0.06509 0.00161 0.0016 0.00011 0.23732 0.01481 0.00775 4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 3.309 0.0087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605	4.03165	0.27267	4.99630	0.00230	-0.04990	0.00849	5.60049	0.42295	0.21733	
4.014 0.272 5.068 0.006 -0.068 -0.020 5.048 0.420 0.188 0.0085 0.00325 0.18784 0.00907 0.03275 0.01274 0.03984 0.00202 0.00093 4.01782 0.27049 4.97443 0.00180 -0.08453 -0.01381 5.06826 0.4208 0.18736 4.9869 0.10457 3.4194 0.00208 -0.03318 -0.00409 8.28664 0.57043 0.26324 4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002 0.06509 0.00161 0.0016 0.00011 0.23732 0.01481 0.00775 4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 3.309 0.0087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605										
0.0085 0.00325 0.18784 0.00907 0.03275 0.01274 0.03984 0.00202 0.00093 4.01782 0.27049 4.97443 0.00180 -0.08453 -0.01381 5.06826 0.4208 0.18736 4.9869 0.10457 3.4194 0.00208 -0.03318 -0.00409 8.28664 0.57043 0.26324 4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002 0.06509 0.00161 0.0016 0.00011 0.23732 0.01481 0.00775 4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 3.309 0.00087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605 0.00282 0.05162 0.00609	4.02207	0.26886	4.88051	-0.00274	-0.1009	-0.00744	5.08818	0.42181	0.18689	
4.01782 0.27049 4.97443 0.00180 -0.08453 -0.01381 5.06826 0.4208 0.18736 4.9869 0.10457 3.4194 0.00208 -0.03318 -0.00409 8.28664 0.57043 0.26324 4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002 0.06509 0.00161 0.0016 0.00011 0.23732 0.01481 0.00775 4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 3.309 0.0087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605 0.00282 0.05162 0.00609 0.05689 0.00264 0.32802 0.02697 0.00786	4.014	0.272	5.068	0.006	-0.068	-0.020	5.048	0.420	0.188	
4.9869 0.10457 3.4194 0.00208 -0.03318 -0.00409 8.28664 0.57043 0.26324 4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002 0.06509 0.00161 0.0016 0.00011 0.23732 0.01481 0.00775 4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 3.309 0.00087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605 0.00282 0.05162 0.00609 0.05689 0.00264 0.32802 0.02697 0.00786	0.0085	0.00325	0.18784	0.00907	0.03275	0.01274	0.03984	0.00202	0.00093	
4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002 0.06509 0.00161 0.0016 0.00011 0.23732 0.01481 0.00775 4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 3.309 0.00087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605 0.00282 0.05162 0.00609 0.05689 0.00264 0.32802 0.02697 0.00786	4.01782	0.27049	4.97443	0.00180	-0.08453	-0.01381	5.06826	0.4208	0.18736	
4.837 0.103 3.484 0.004 -0.032 -0.004 8.049 0.556 0.255 0.14941 0.002 0.06509 0.00161 0.0016 0.00011 0.23732 0.01481 0.00775 4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 3.309 0.00087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605 0.00282 0.05162 0.00609 0.05689 0.00264 0.32802 0.02697 0.00786										
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4.91220 0.10357 3.45195 0.00289 -0.03238 -0.00404 8.16798 0.56303 0.25937 4.81968 0.10111 3.309 0.00087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605 0.00282 0.05162 0.00609 0.05689 0.00264 0.32802 0.02697 0.00786	4.837	0.103	3.484	0.004	-0.032	-0.004	8.049	0.556	0.255	
4.81968 0.10111 3.309 0.00087 -0.08431 -0.01228 8.03698 0.55227 0.26034 4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605 0.00282 0.05162 0.00609 0.05689 0.00264 0.32802 0.02697 0.00786	0.14941	0.002	0.06509	0.00161	0.0016	0.00011	0.23732	0.01481	0.00775	
4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605 0.00282 0.05162 0.00609 0.05689 0.00264 0.32802 0.02697 0.00786	4.91220	0.10357	3.45195	0.00289	-0.03238	-0.00404	8.16798	0.56303	0.25937	
4.64363 0.09829 3.36062 0.00696 -0.02742 -0.01492 7.70896 0.5253 0.25248 0.17605 0.00282 0.05162 0.00609 0.05689 0.00264 0.32802 0.02697 0.00786										
0.17605 0.00282 0.05162 0.00609 0.05689 0.00264 0.32802 0.02697 0.00786	4.81968	0.10111	3.309	0.00087	-0.08431	-0.01228	8.03698	0.55227	0.26034	
	4.64363	0.09829	3.36062	0.00696	-0.02742	-0.01492	7.70896	0.5253	0.25248	
4.73166 0.0997 3.33481 0.00392 -0.05587 -0.0136 7.87297 0.53879 0.25641	0.17605	0.00282	0.05162	0.00609	0.05689	0.00264	0.32802	0.02697	0.00786	
	4.73166	0.0997	3.33481	0.00392	-0.05587	-0.0136	7.87297	0.53879	0.25641	